

PETROGRAPHY OF THE PRODUCTIVE  
COAL SEAMS  
OF  
THE BOKARO COALFIELD, BIHAR.

PART II  
(ILLUSTRATIONS)

By  
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1961



T367

T367

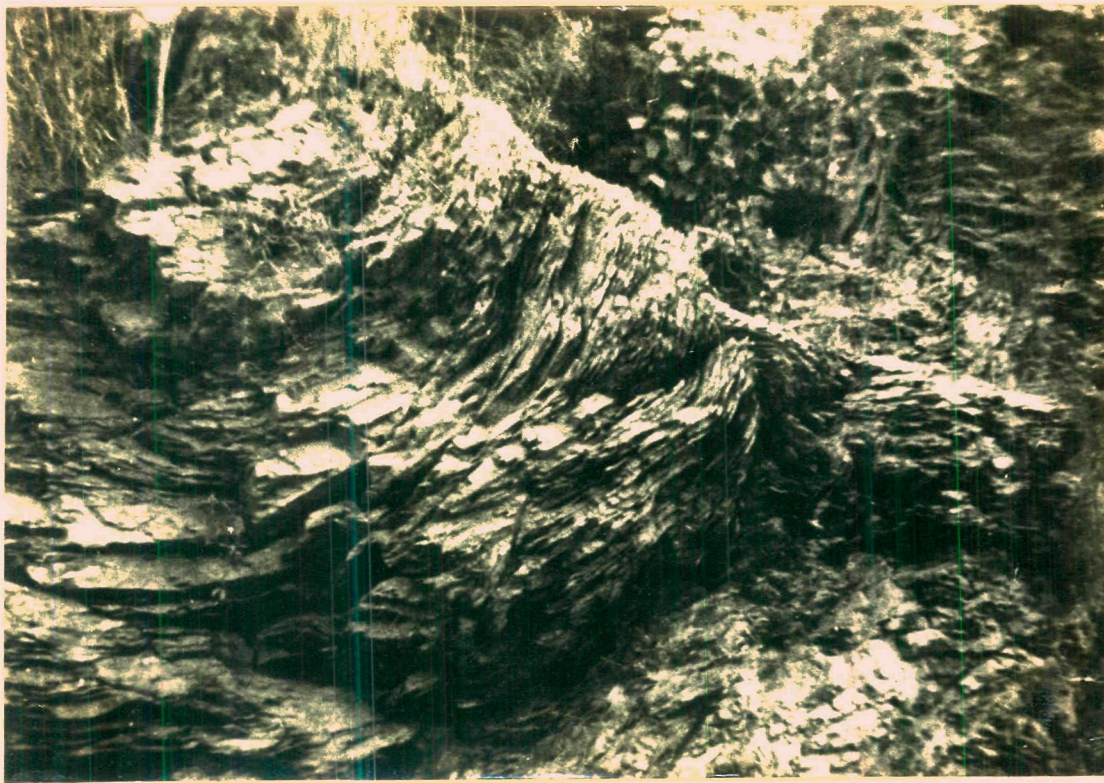


29 JAN 1963

## LIST OF ILLUSTRATIONS

|       |        |  |                      |
|-------|--------|--|----------------------|
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| PLATE | 2-4.   | Microphotographs of clastic dykes.   |                      |
| PLATE | 5.     | Photograph of coal samples.  |                      |
| PLATE | 6-11.  | Microstructure of Wood and Bark.   |                      |
| PLATE | 12,13. | Fusinite and Durains.  |                      |
| PLATE | 14,15. | Mineral matter in Coal.  |                      |

*Plate I*



*FIG. 1.*



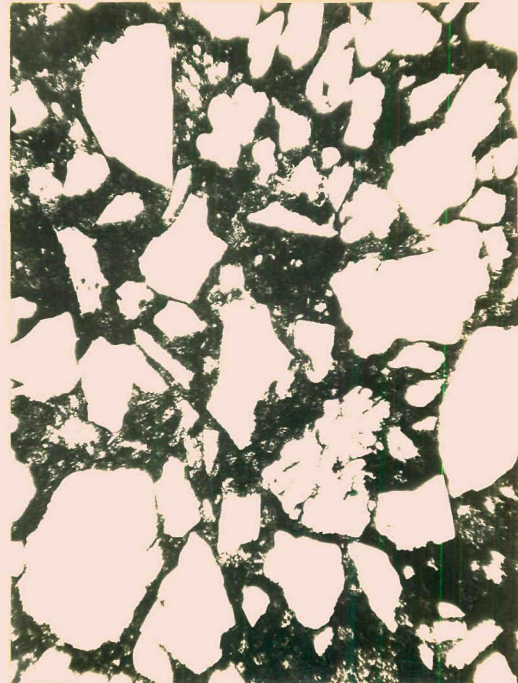
*FIG. 2.*



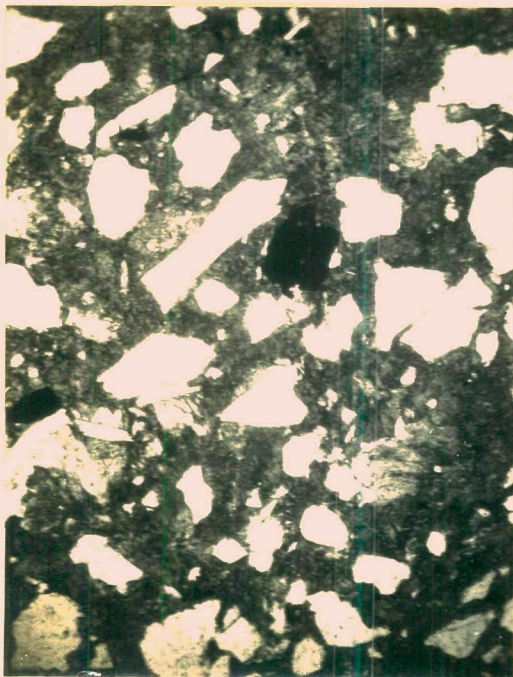
*Plate II*



*FIG. 1. (x54).*



*FIG. 2. (x54).*



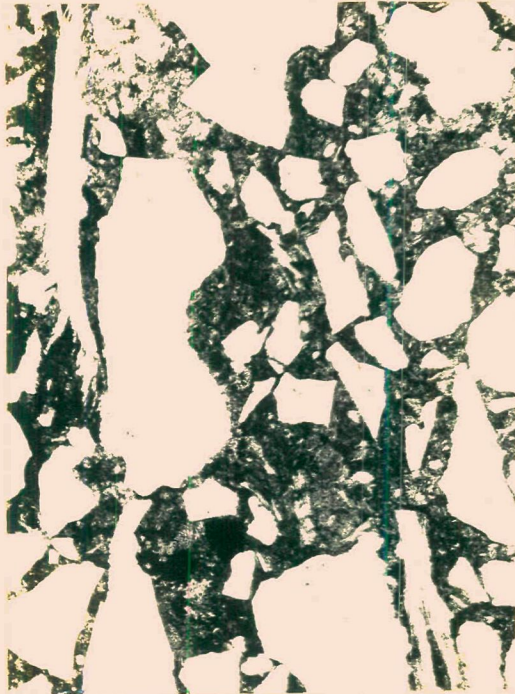
*FIG. 3. (x54).*



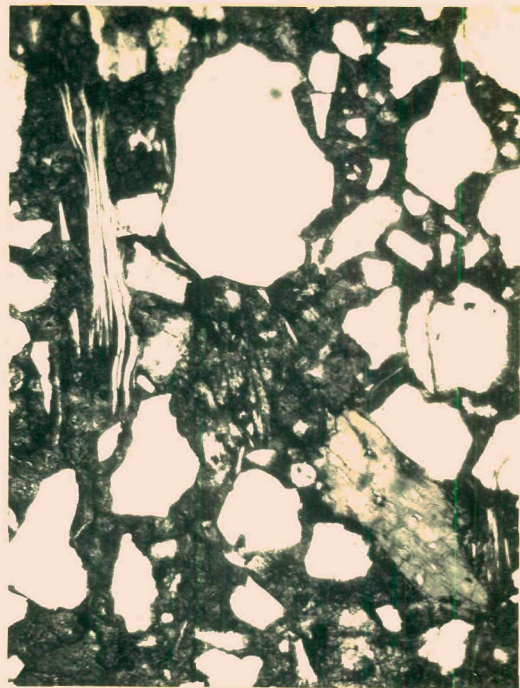
*FIG. 4. (x95).*



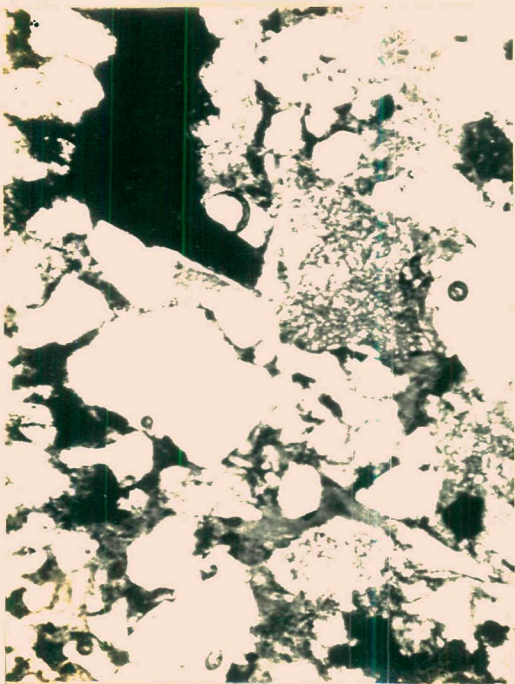
*Plate III*



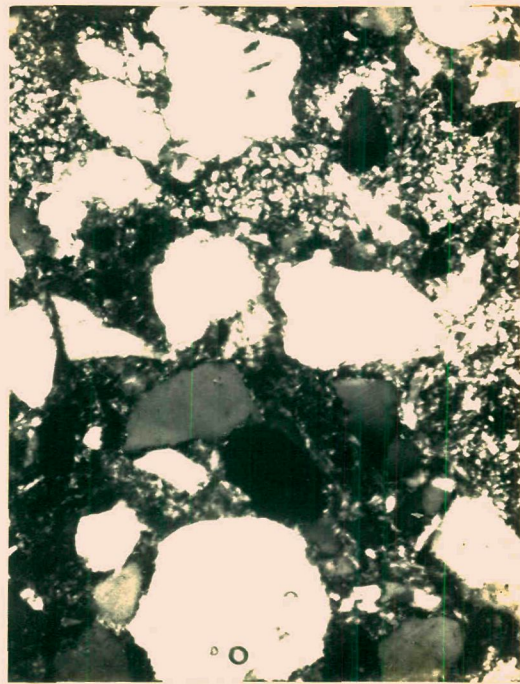
*FIG. 1. (x54).*



*FIG. 2. (x54)*



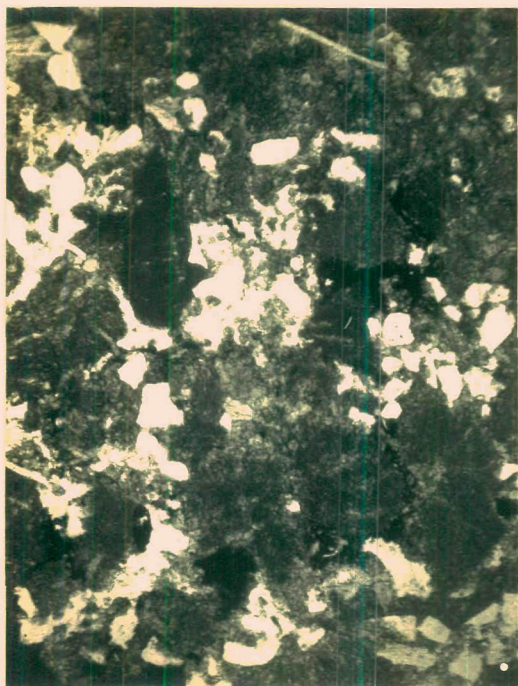
*FIG. 3. (x54).*



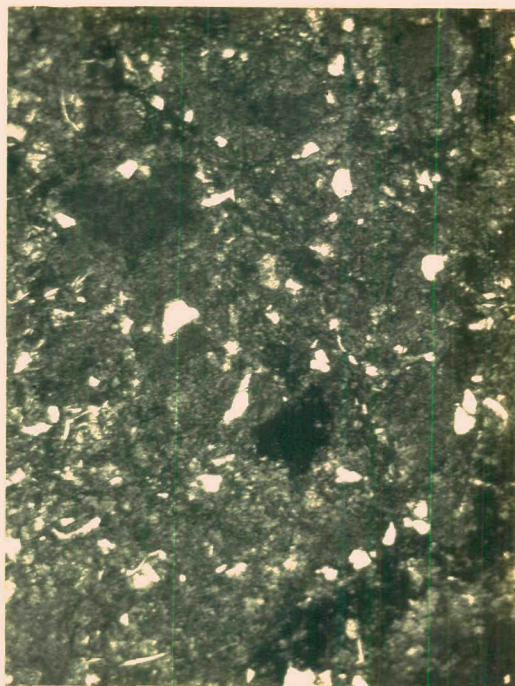
*FIG. 4. (x54).*



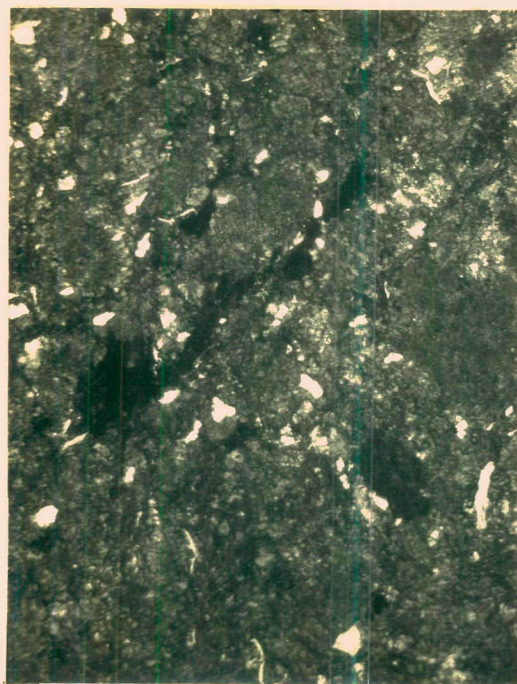
*Plate IV*



*FIG. 1. (x54).*



*FIG. 2. (x54).*



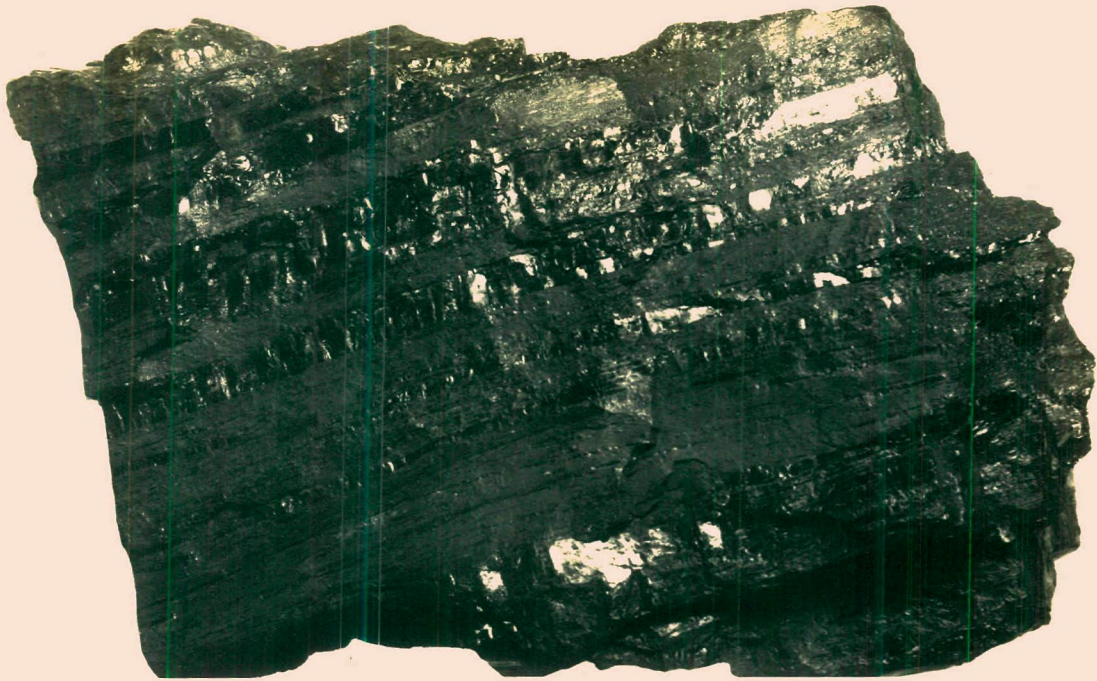
*FIG. 3. (x54).*



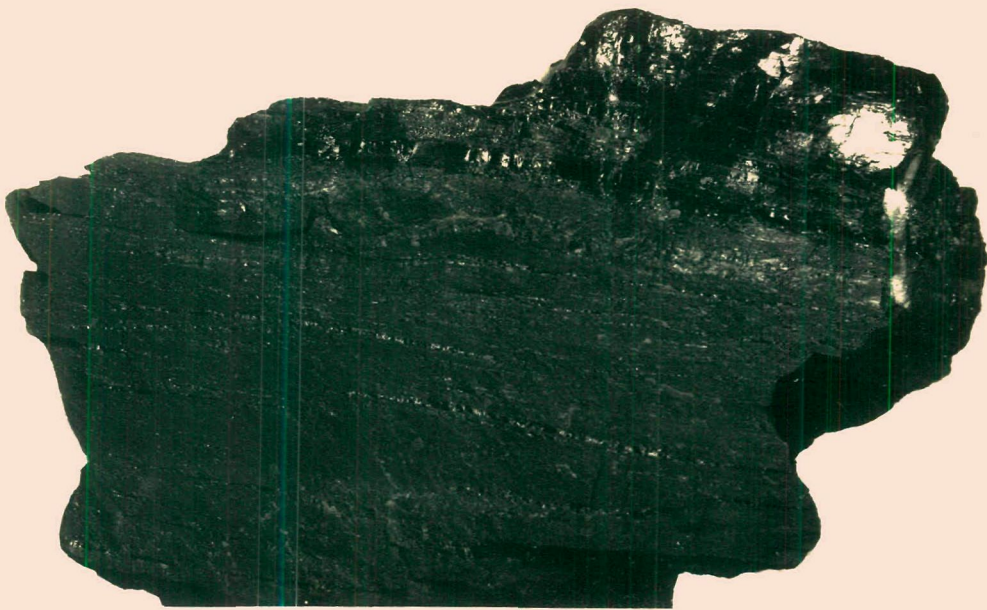
*FIG. 4. (x54).*



*Plate II*



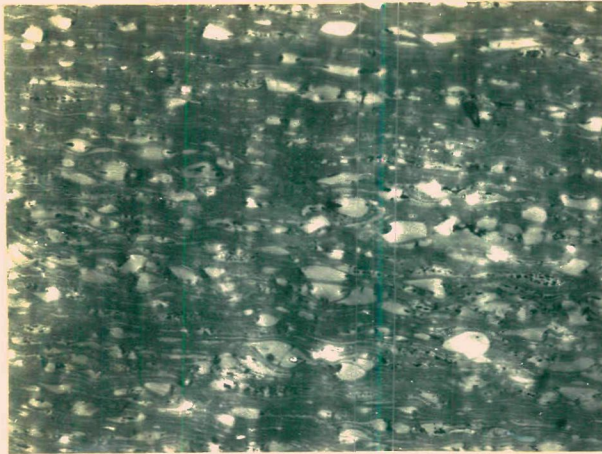
*FIG. 1.*



*FIG. 2.*



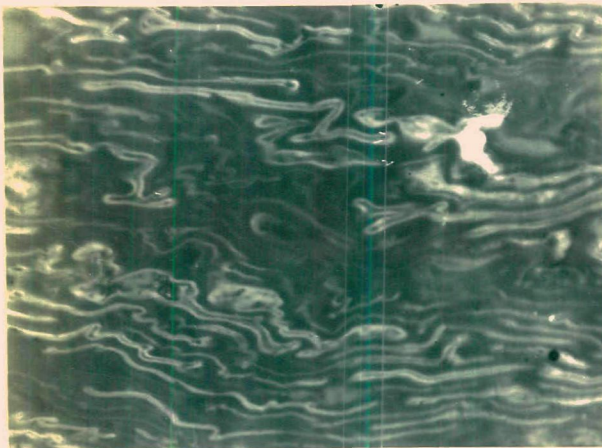
*Plate VII*



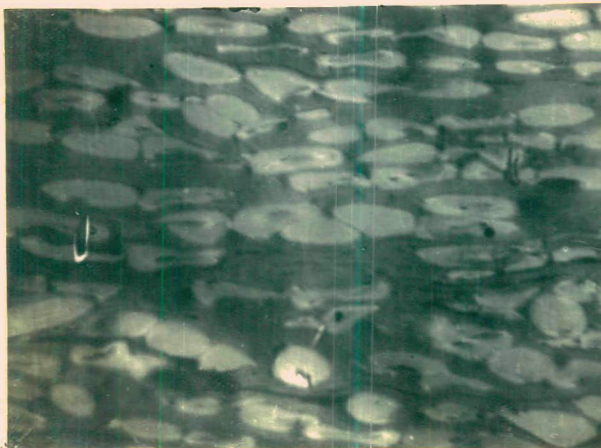
*FIG. 1. (x170).*



*FIG. 2. (x125).*



*FIG. 3. (x340).*



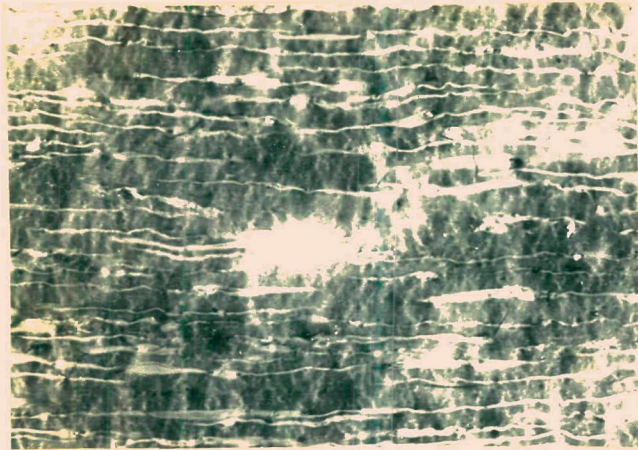
*FIG. 4. (x340)*



*FIG. 5. (x125).*



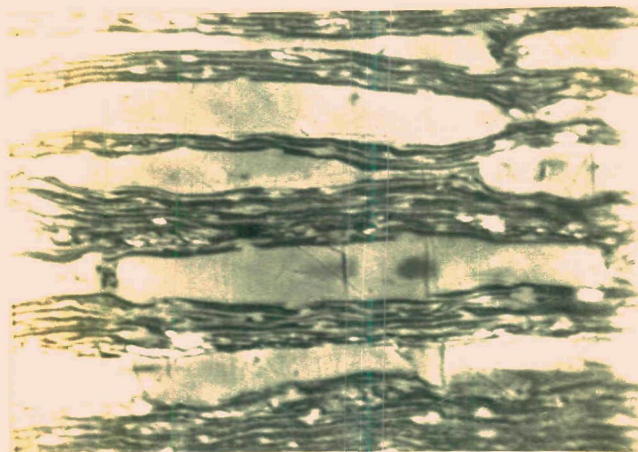
*Plate VIII*



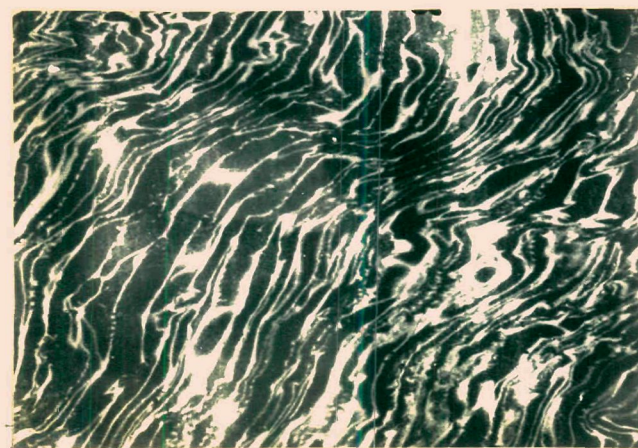
*FIG. 1. (x170).*



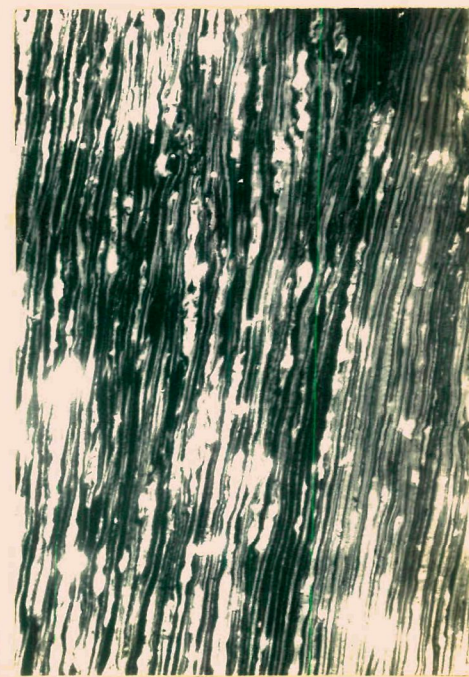
*FIG. 2. (x225).*



*FIG. 3. (x785).*



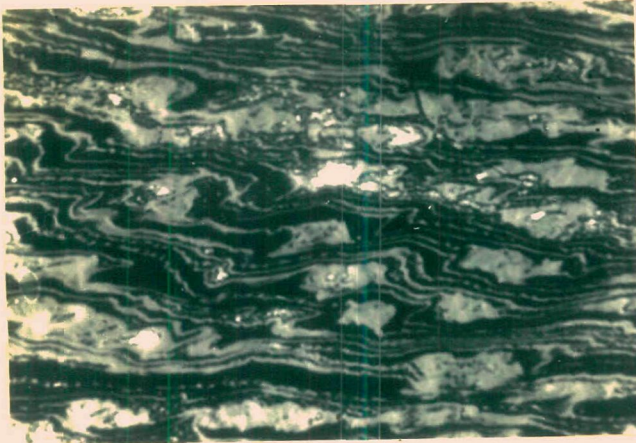
*FIG. 4. (x210).*



*FIG. 5. (x170).*



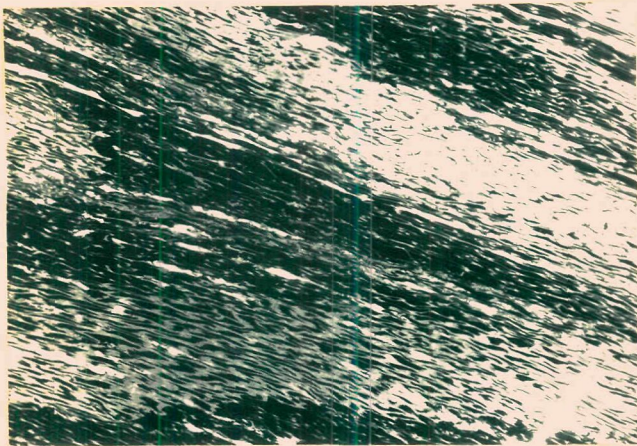
*Plate VIII*



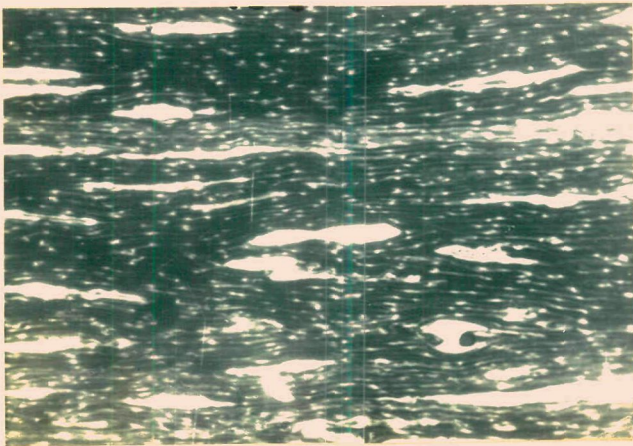
*FIG. 1. (X255)*



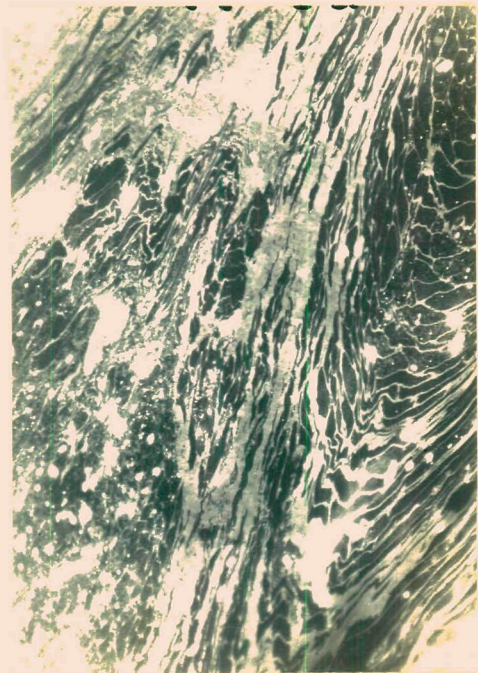
*FIG. 2. (X185).*



*FIG. 3. (X170)*



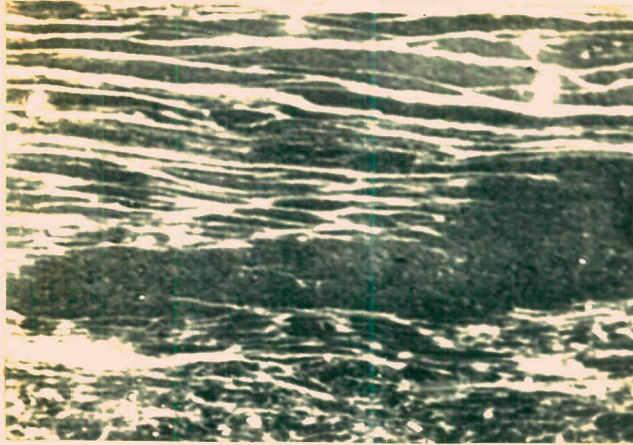
*FIG. 4. (X255)*



*FIG. 5. (X170).*



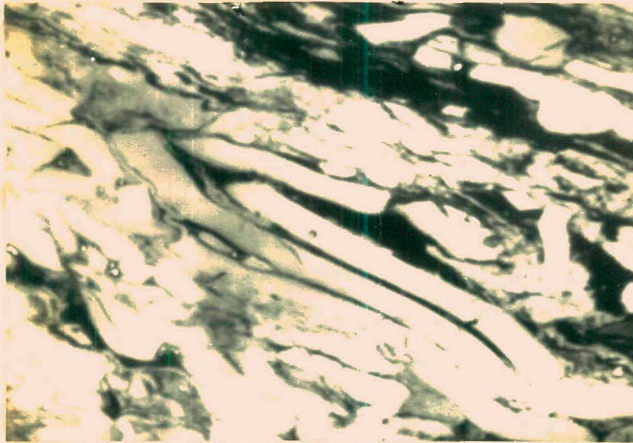
*Plate IX*



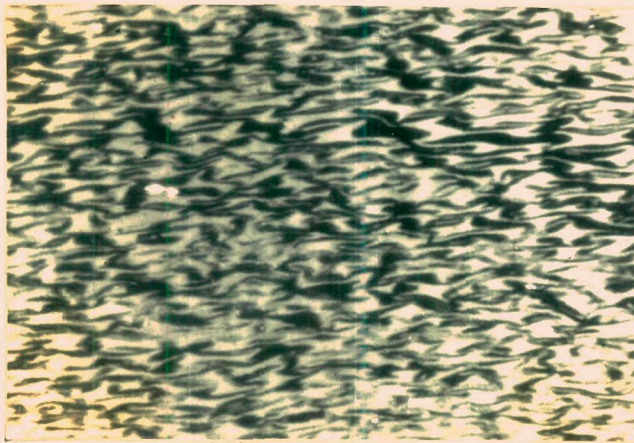
*FIG. 1. (x340).*



*FIG. 2. (x340).*



*FIG. 3. (x375).*



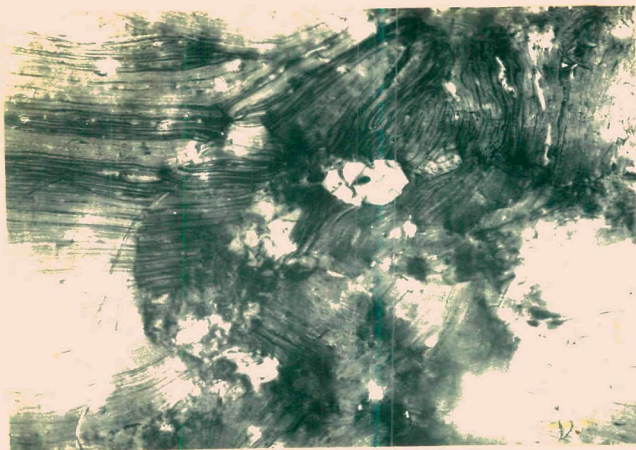
*FIG. 4. (x425).*



*FIG. 5. (x255).*



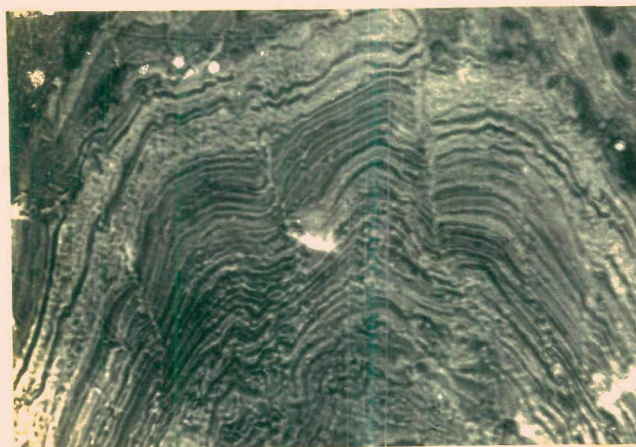
*Plate X*



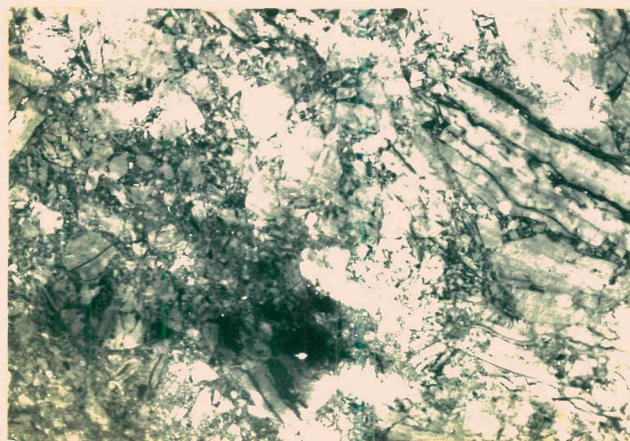
*FIG. 1. (x170).*



*FIG. 4. (x170).*



*FIG. 2. (x340).*



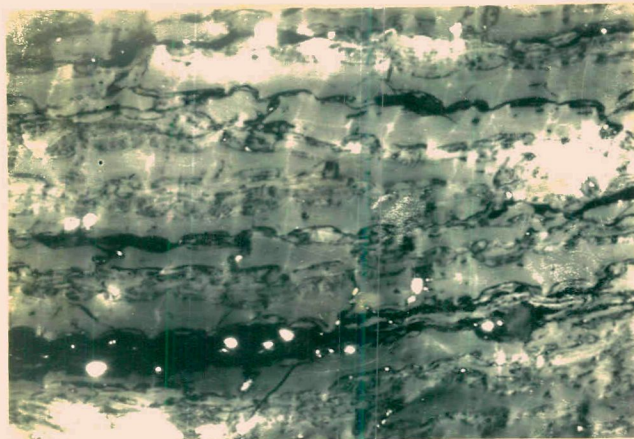
*FIG. 3. (x170).*



*FIG. 5. (x210).*



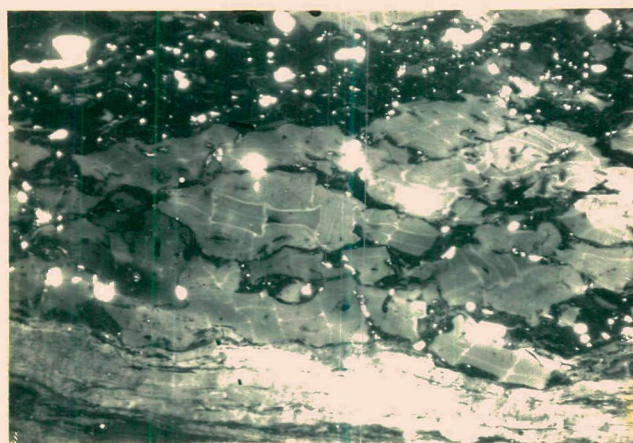
*Plate XI*



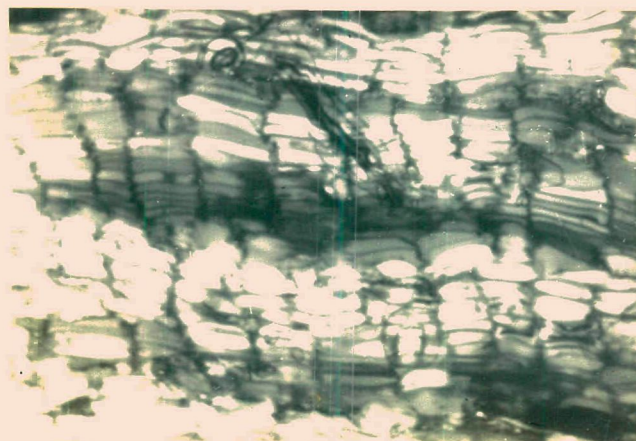
*FIG. 1. (X170).*



*FIG. 3. (X170).*



*FIG. 2. (X170).*



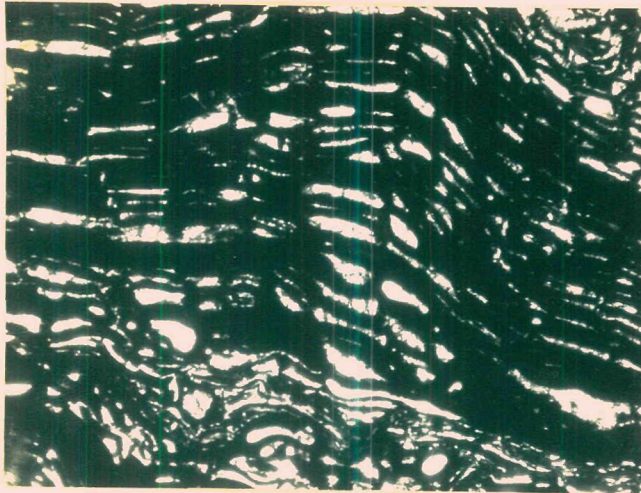
*FIG. 4. (X250).*



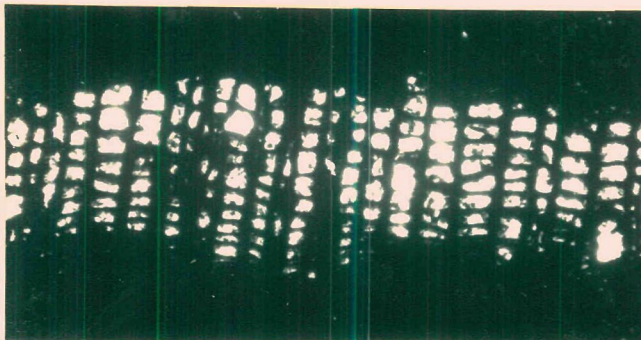
*FIG. 5. (X170).*



*Platē XII*



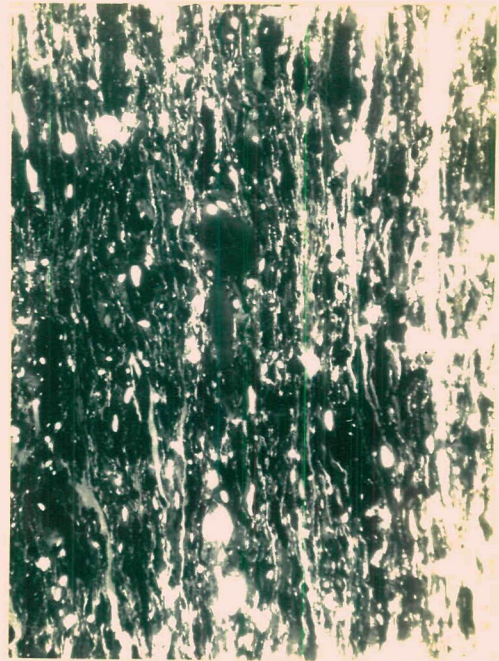
*FIG. 1. (x170).*



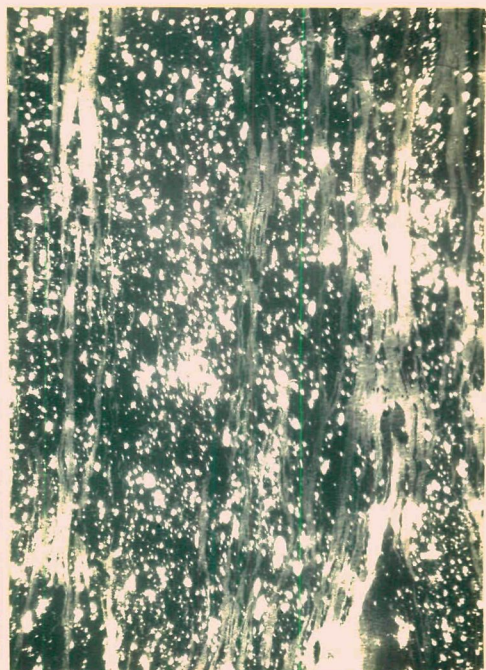
*FIG. 2. (x170).*



*FIG. 4. (x70).*



*FIG. 3. (x70).*



*FIG. 5. (x70).*



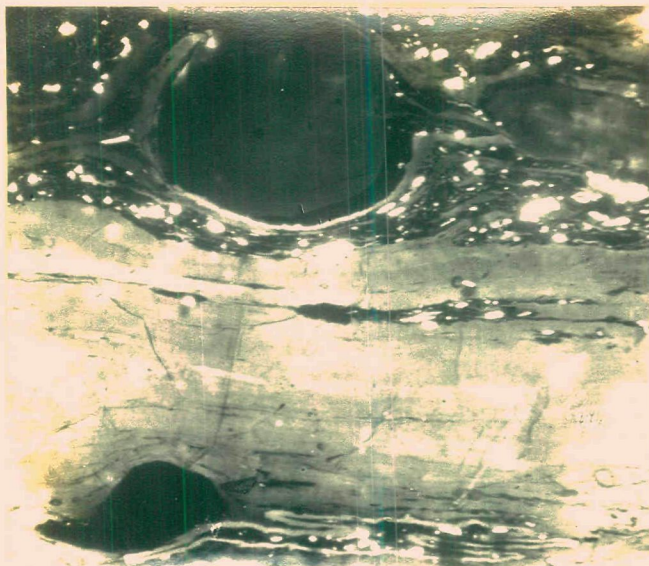


FIG. 1. (x125).

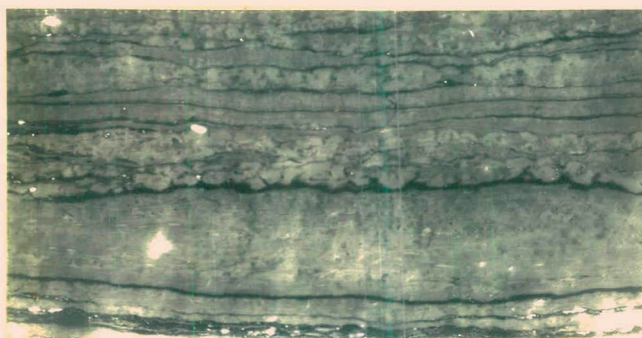


FIG. 2. (x125).

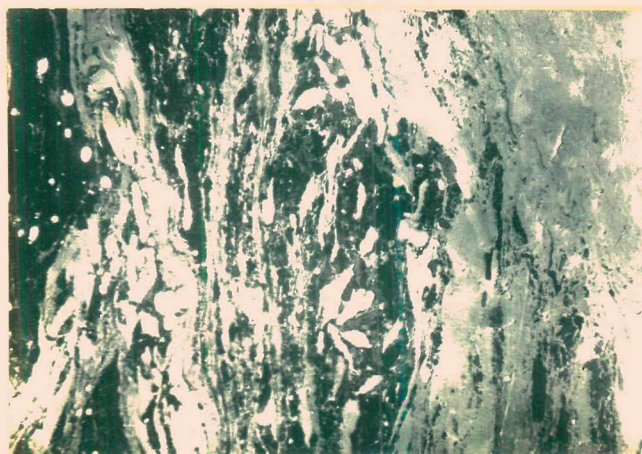


FIG. 3. (x125).



FIG. 4. (x125).

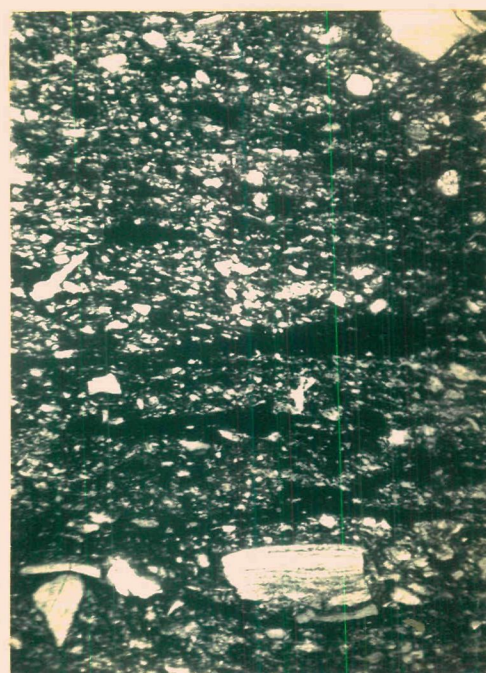


FIG. 5. (x70).





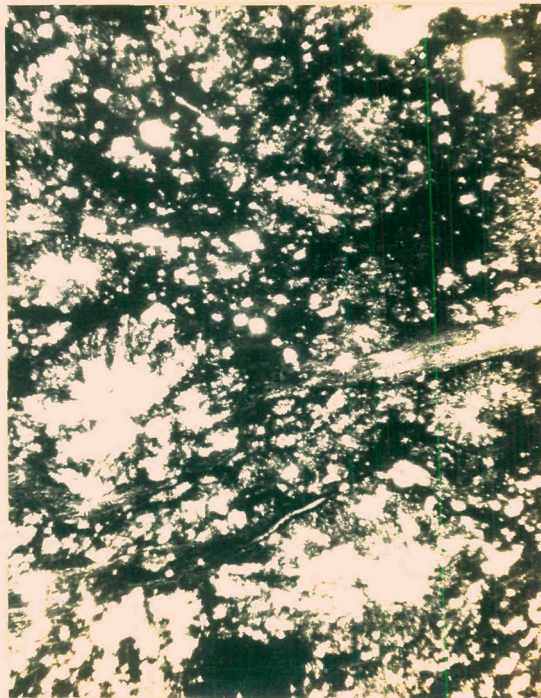
*FIG. 1. (x125).*



*FIG. 2. (x270).*



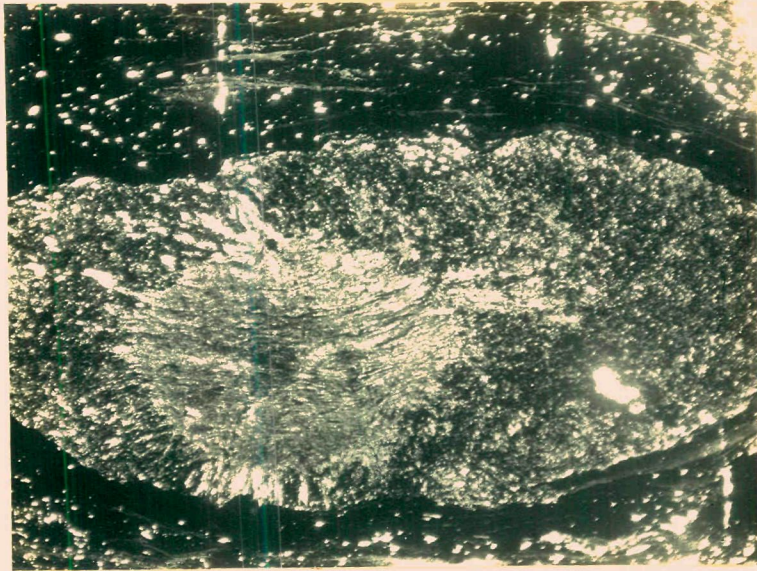
*FIG. 3. (x170).*



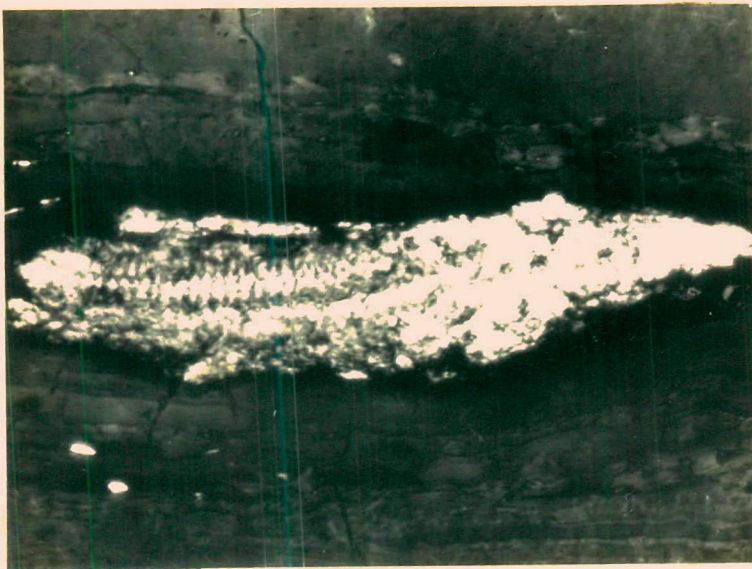
*FIG. 4. (x125).*



*Plate XV*



*FIG. 1. (x40).*



*FIG. 2. (x250).*



# GEOLOGICAL MAP OF THE BOKARO COALFIELD.

MEM., GEOL. SUR. IND., VOL. 6., PL. I.

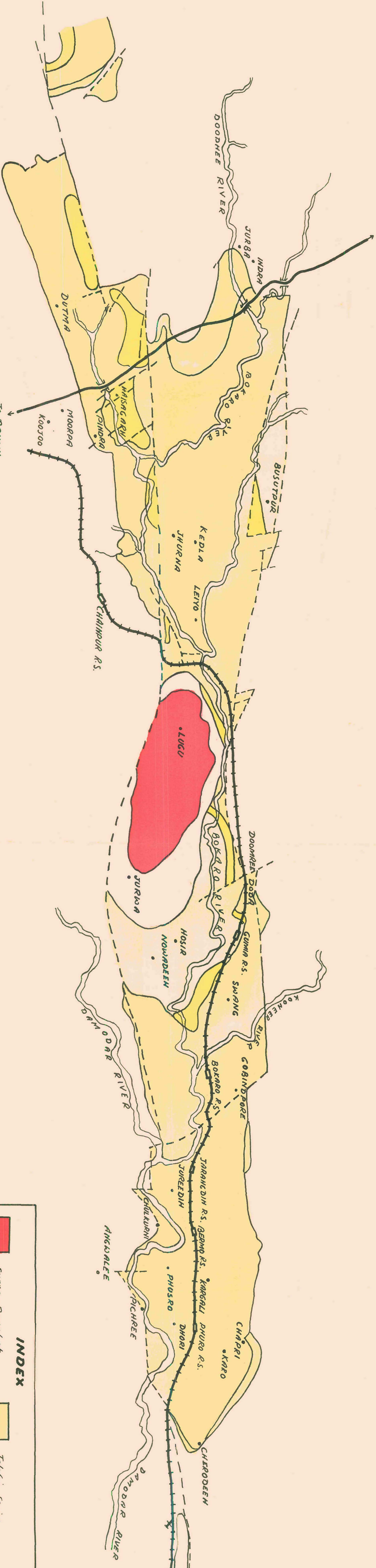
85° 30'

45'

86° 0'

TO HAZARIBAGH

TO RANCHI



## INDEX

- |  |  |
|--|--|
| <span style="display: inline-block; width: 15px; height: 15px; background-color: red; border: 1px solid black;"></span> Supra-Panchet.                         | <span style="display: inline-block; width: 15px; height: 15px; background-color: yellow; border: 1px solid black;"></span> Talchir Series.         |
| <span style="display: inline-block; width: 15px; height: 15px; background-color: white; border: 1px solid black;"></span> Panchet                              | <span style="display: inline-block; width: 15px; height: 15px; background-color: lightyellow; border: 1px solid black;"></span> Metamorphic rocks. |
| <span style="display: inline-block; width: 15px; height: 15px; background-color: yellow; border: 1px solid black;"></span> Raniganj or Upper Coal Measures     | <span style="display: inline-block; width: 15px; height: 15px; background-color: orange; border: 1px solid black;"></span> 45° Dip.                |
| <span style="display: inline-block; width: 15px; height: 15px; background-color: orange; border: 1px solid black;"></span> Ironstone Shales.                   | <span style="display: inline-block; width: 15px; height: 15px; border-bottom: 1px dashed black;"></span> Fault.                                    |
| <span style="display: inline-block; width: 15px; height: 15px; background-color: lightyellow; border: 1px solid black;"></span> Barakar or Lower Coal Measures |  |

85° 30'

45'

86° 0'

AFTER T. W. H. HUGHES.

SCALE : 1 INCH = 1 MILE.









